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Tyler

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(54) **TESTING OF A TRANSIENT VOLTAGE PROTECTION DEVICE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 467 days.

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(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A method of testing a voltage protection device in a circuit is provided. The circuit comprises a source and load and a detector is provided in parallel with the protection device. The method comprises opening a switching device provided in the circuit. The method further comprises detecting a property of a voltage spike caused by the rate of change of current in the circuit inductance produced by the opening of the switching device to determine the condition of the protection device.

8 Claims, 3 Drawing Sheets

